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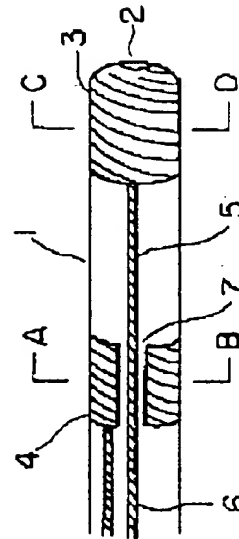
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APPLICANT : NIPPON ZEON CO LTD;

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TITLE : MEDICAL APPLIANCE FITTED WITH  
ELECTRODE



ABSTRACT : PURPOSE: To obtain a medical appliance fitted with an electrode hard to exert adverse effect on diagnostic machinery using magnetism such as an NMR-CT by constituting the electrode of a nonmetallic conductive material.

CONSTITUTION: A nonmetallic conductive material composition consisting of silicone rubber and conductive carbon is printed on the entire periphery of the leading end part of the substrate 1 of a catheter composed of a tube having a hole 2 therein to attach an electrode 3 thereto and a conductor 5 is connected to the electrode 3. Herein, the conductor 5 is attached to the substrate 1 by printing the same nonmetallic conductive material composition as the electrode 3 on the surface thereof. The same nonmetallic conductive material composition as the electrode 3 is printed on the substrate 1 at a place slightly separated from the electrode 3 to attach an electrode 4 and a conductor 6 is connected to the electrode 4. The conductor 6 is attached to the substrate 1 by printing the same nonmetallic conductive material composition as the electrode 3 on the surface thereof. By this constitution, even when the medical appliance fitted with the electrode thus formed is applied to diagnostic machinery such as an NMR-CT while attached to the body, a good image can be obtained without generating disturbance.

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